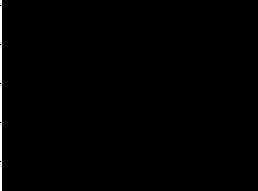


US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>		<b>3. Time Prepared</b>		<b>UNIT LOG ICS 214</b>																																																	
Kalamazoo River/Enbridge Spill		05/24/2012		1330																																																			
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>			<b>6. Operational Period :</b>																																																		
Operations Unit/Containment Branch Monitoring Group		<b>Name:</b>		Dan Capone & Joe Victory (START/US EPA)		<b>From:</b>	05/24/2012 0615																																																
		<b>Position:</b>		Operations Section Chief		<b>To:</b>	05/24/2012 1230																																																
<b>7. Personnel Roster Assigned</b>																																																							
<b>Name</b>		<b>ICS Position</b>			<b>DUTY CELL</b>																																																		
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Greg Wagner		CBM Team 2																																																					
<b>8. Activity Log</b>																																																							
<b>Activity Area</b>					<b>LAT</b>		<b>LAT</b>																																																
					<b>Various</b>		<b>Various</b>																																																
					(DD.MMMM)		(DD.MMMM)																																																
<b><u>OIL OBSERVED</u></b>		<b><u>EXTENT OF OIL IMPACTED AREA</u></b>																																																					
		<b><u>DENSITY OF OIL /SHEEN</u></b>																																																					
<b>Total Collection Points</b>																																																							
<b>Total Boom Deployed</b>																																																							
<b>Activity</b>		<b><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></b>																																																					
		<p>Greg Wagner and Dylan Massey conducted (1) Control &amp; Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 18.75 (D2) through Morrow Lake. (2) Water &amp; Sediment Temperature &amp; Level Readings. (3) Performed buoy inspections.</p> <ul style="list-style-type: none"> <li>• 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.</li> <li>• 0730- 1230: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions.</li> </ul>																																																					
		<b><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></b>																																																					
		<table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>69.0</td><td>63.2</td><td>1.0</td></tr> <tr><td>MP 21.5 (D5)</td><td>67.5</td><td>64.6</td><td>4.5</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>68.9</td><td>67.2</td><td>0.7</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>67.8</td><td>66.4</td><td>0.8</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>65.5</td><td>60.8</td><td>0.0</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>66.0</td><td>66.5</td><td>0.6</td></tr> <tr> <td><b>AVERAGE</b></td> <td><b>67.45</b></td> <td><b>64.78</b></td> <td><b>1.27</b></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)				MP 5.25 (C0.4 Launch)				MP 10.0 (C3.2 Launch)				MP 15.0 (C5 Launch)				MP 18.75 (D2 Launch)	69.0	63.2	1.0	MP 21.5 (D5)	67.5	64.6	4.5	MP 27.0 (E0.5 Launch)	68.9	67.2	0.7	MP 30.0 (E2 Launch)	67.8	66.4	0.8	MP 35.0 (E3 Launch)	65.5	60.8	0.0	MP 38.0 (E4 Launch)	66.0	66.5	0.6	<b>AVERAGE</b>	<b>67.45</b>	<b>64.78</b>	<b>1.27</b>
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**WEEKLY/AFTER RAIN EVENT INSPECTION:****Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source &amp; Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

**DAILY CONTAINMENT MONITORING:****Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam):

MP 8.50 L1 (8.48 LDB):

MP 8.50 L3 (8.48 LDB):

MP 8.75 R1:

MP 9.00 I2 (8.97I):

MP 10.75 LDB:

MP 11.75 L2 (11.79 LDB):

MP 14.98I:

MP 15.65 (Battle Creek Spillway): Control point boom intact. No sheen observed today.

MP 17.00 L1 (Rock Tenn): Containment has been removed.

MP 21.50 (Oxbow): Silver sheen observed inside the containment. Area of sheen is 1' x 15' = 15 sq. ft.

MP 30.8 LDB: Containment site not visited today.

MP 37.75 (E4): Observed silver sheen at the control point collection point today. Area of sheen is 1' x 600' = 600 sq. ft.

**RIVER REOPENING MILE POSTS:**

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: 600 sq. ft.

Total sheen within containment: 15 sq. ft.

Total Sheen: 615 sq. ft.

**Helicopter Fly-Over Pictures:**

No inspections resulting from overflight pictures were performed today.

**Health and Safety**

None

Issues	
Comments	None.